

CACHING AND ACCESSING RIGHTS IN A DISTRIBUTED COMPUTING SYSTEM

Abstract

5 A system and method for caching and accessing rights in a distributed
computing system is disclosed. An agent, that is located on a Distributed
Deputization Point (DPP) parses a directory service. The agent then updates
the rights to an Access Control List (ACL) cache. The ACL cache then
receives, from an authenticated user, a request for the rights. The ACL cache
10 retrieves the rights and forwards them to the user. The user may now access
certain resources based on the rights it has obtained the first time it accesses
these resources. Additionally, if the user attempts to access certain resources
that are not contained in the ACL cache, a resource manger is invoked which
provides the access control rights for the missing resources to the ACL cache.

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